

# Patent Assignment Abstract of Title

**Total Assignments: 2**

**Application #:** 10684593 **Filing Dt:** 10/15/2003

**Patent #:** NONE

**Issue Dt:**

**PCT #:** NONE

**Publication #:** US20050083908

**Pub Dt:** 04/21/2005

**Inventor:** Louis Holder

**Title:** Method and apparatus for enhanced Internet telephony

**Assignment: 1**

**Reel/Frame:** 015236 /  
0148

**Received:**  
04/23/2004

**Recorded:**  
04/20/2004

**Mailed:**  
10/14/2004

**Pages:**  
3

**Conveyance:** ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

**Assignor:** HOLDER, LOUIS

**Exec Dt:** 04/07/2004

**Assignee:** VONAGE

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**Assignment: 2**

**Reel/Frame:** 016333 /  
0671

**Received:**  
06/14/2005

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**Mailed:**  
08/01/2005

**Pages:**  
6

CORRECTIVE ASSIGNMENT, PREVIOUS ASSIGNMENT DOCUMENT ERRONEOUSLY

**Conveyance:** IDENTIFIED NON-EXISTENT COMPANY NAME AND EXCLUDED ONE OF THE INVENTORS  
REEL/FRAME 015236/0148

**Assignors:** HOLDER, LOUIS., MR.

**Exec Dt:** 04/07/2004

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**Exec Dt:** 05/20/2005

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Search Results as of: 4/6/2006 11:56:44 A.M.

If you have any comments or questions concerning the data displayed, contact OPR / Assignments at 571-272-3350  
Web interface last modified: Mar 14, 2006 v.1.9

## Refine Search

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### Search Results -

Term	Documents
INTERNET	231933
INTERNETS	1353
(97 AND INTERNET).PGPB,USPT.	3
(L97 AND INTERNET ).PGPB,USPT.	3

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**Database:**

US Pre-Grant Publication Full-Text Database  
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**Search:**

L98	Refine Search
	Recall Text
	Clear
	Interrupt

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### Search History

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**DATE:** Thursday, April 06, 2006    [Printable Copy](#)    [Create Case](#)
**Set Name Query**

side by side

DB=PGPB,USPT; PLUR=YES; OP=ADJ

<u>Set Name</u>	<u>Query</u>	<u>Hit Count</u>	<u>Set Name</u>
		result set	
<u>L98</u>	L97 and internet	3	<u>L98</u>
<u>L97</u>	stop adj time adj out	38	<u>L97</u>
<u>L96</u>	stop adj time-outs and internet	1	<u>L96</u>
<u>L95</u>	L94 and SIP	0	<u>L95</u>
<u>L94</u>	stop near timeouts and internet	20	<u>L94</u>
<u>L93</u>	L92 and SIP	0	<u>L93</u>
<u>L92</u>	L91 and Internet	2	<u>L92</u>
<u>L91</u>	eliminate near timeout	3	<u>L91</u>
<u>L90</u>	L89 and SIP	2	<u>L90</u>
<u>L89</u>	L88 and INTERNET	69	<u>L89</u>
<u>L88</u>	delay near timeout	241	<u>L88</u>

<u>L87</u>	L83 and SIP	1	<u>L87</u>
<u>L86</u>	L85 and SIP	0	<u>L86</u>
<u>L85</u>	L84 and internet	27	<u>L85</u>
<u>L84</u>	prevent adj time adj out	82	<u>L84</u>
<u>L83</u>	prevent adj timeout and Internet	26	<u>L83</u>
<u>L82</u>	L81 and messages	1	<u>L82</u>
<u>L81</u>	L80 and timeout	1	<u>L81</u>
<u>L80</u>	6169741.pn.	1	<u>L80</u>
<u>L79</u>	L76 and time-out	0	<u>L79</u>
<u>L78</u>	L76 and time near out	0	<u>L78</u>
<u>L77</u>	L76 and timeout	0	<u>L77</u>
<u>L76</u>	L72 and messages	1	<u>L76</u>
<u>L75</u>	L72 and first adj message	0	<u>L75</u>
<u>L74</u>	L72 and repeat	0	<u>L74</u>
<u>L73</u>	L72 and repeatedly	0	<u>L73</u>
<u>L72</u>	6731642.pn.	1	<u>L72</u>
<u>L71</u>	L69 and time adj out	1	<u>L71</u>
<u>L70</u>	L67 and timeout	7	<u>L70</u>
<u>L69</u>	L68 and SIP	2	<u>L69</u>
<u>L68</u>	L67 and INternet	11	<u>L68</u>
<u>L67</u>	send near messages near repeatedly	24	<u>L67</u>
<u>L66</u>	L65 and sip	0	<u>L66</u>
<u>L65</u>	timeout near internet	6	<u>L65</u>
<u>L64</u>	timeout and internet adj telephony	174	<u>L64</u>
<u>L63</u>	L61 and repeatedly	1	<u>L63</u>
<u>L62</u>	L61 and repeat	3	<u>L62</u>
<u>L61</u>	internet near timeout	6	<u>L61</u>
<u>L60</u>	L57 and repeat near sending	0	<u>L60</u>
<u>L59</u>	L57 and repeat near send	0	<u>L59</u>
<u>L58</u>	L57 and repeatedly	1	<u>L58</u>
<u>L57</u>	L56 and internet	4	<u>L57</u>
<u>L56</u>	prevent near timing adj out	57	<u>L56</u>
<u>L55</u>	L54	245	<u>L55</u>
<u>L54</u>	L53 and network adj address adj translation	245	<u>L54</u>
<u>L53</u>	NAT and INTernet and SIP	374	<u>L53</u>
<u>L52</u>	timeout adj period	4749	<u>L52</u>
<u>L51</u>	L49 and repeat near send	0	<u>L51</u>
<u>L50</u>	L49 and repeatedly near send	1	<u>L50</u>
<u>L49</u>	intermediate adj point and time adj out	215	<u>L49</u>
<u>L48</u>	L46 and internet and telephony	6	<u>L48</u>
<u>L47</u>	L46 and internet and telphony	0	<u>L47</u>

<u>L46</u>	prevent near timeout	109	<u>L46</u>
<u>L45</u>	L44 and intermediate	3	<u>L45</u>
<u>L44</u>	L40 and internet adj telephony	7	<u>L44</u>
<u>L43</u>	L42 and intermediate	4	<u>L43</u>
<u>L42</u>	L39 and internet adj telephony	12	<u>L42</u>
<u>L41</u>	L38 and internet adj telephony	1	<u>L41</u>
<u>L40</u>	L37 and time adj out	39	<u>L40</u>
<u>L39</u>	L37 and timeout	46	<u>L39</u>
<u>L38</u>	L37 and time-out	9	<u>L38</u>
<u>L37</u>	SIP and network adj address adj translation	291	<u>L37</u>
<u>L36</u>	L30 and router	6	<u>L36</u>
<u>L35</u>	L30 and intermediate	0	<u>L35</u>
<u>L34</u>	L30 and time-out	0	<u>L34</u>
<u>L33</u>	L30 and timed near out	0	<u>L33</u>
<u>L32</u>	L30 and time adj out	1	<u>L32</u>
<u>L31</u>	L30 and timeout	0	<u>L31</u>
<u>L30</u>	L29 and SIP	9	<u>L30</u>
<u>L29</u>	improved adj internet adj telephony	9	<u>L29</u>
<u>L28</u>	L27 and SIP	1	<u>L28</u>
<u>L27</u>	enhanced adj internet adj telephony	2	<u>L27</u>
<u>L26</u>	L25	4	<u>L26</u>
<u>L25</u>	L24 and time	4	<u>L25</u>
<u>L24</u>	L21 and RTP	4	<u>L24</u>
<u>L23</u>	L21 and timeout	1	<u>L23</u>
<u>L22</u>	L21 and time adj out	2	<u>L22</u>
<u>L21</u>	internet adj telephony and media adj terminal and SIP	7	<u>L21</u>
<u>L20</u>	pre-proxy and time-out	0	<u>L20</u>
<u>L19</u>	L17 and repeat	3	<u>L19</u>
<u>L18</u>	L17 and repeatedly	2	<u>L18</u>
<u>L17</u>	L16 and SIP	53	<u>L17</u>
<u>L16</u>	media adj terminal and internet	423	<u>L16</u>
<u>L15</u>	L10 and media adj terminal	0	<u>L15</u>
<u>L14</u>	L11 and media adj terminal	0	<u>L14</u>
<u>L13</u>	L10 and mta	0	<u>L13</u>
<u>L12</u>	L11 and MTA	0	<u>L12</u>
<u>L11</u>	L8 and internet	29	<u>L11</u>
<u>L10</u>	L9 and internet	17	<u>L10</u>
<u>L9</u>	L6 and intermediate	35	<u>L9</u>
<u>L8</u>	L5 and intermediate	73	<u>L8</u>
<u>L7</u>	L6 and Internet	28	<u>L7</u>
<u>L6</u>	reset adj time-out	156	<u>L6</u>

<u>L5</u>	reset adj timeout	286	<u>L5</u>
<u>L4</u>	L1 and time adj out	0	<u>L4</u>
<u>L3</u>	L1 and time-out	0	<u>L3</u>
<u>L2</u>	L1 and timeout	0	<u>L2</u>
<u>L1</u>	dynamic near addressing near protocol	6	<u>L1</u>

END OF SEARCH HISTORY

## Refine Search

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### Search Results -

Term	Documents
NETWORK	572549
NETWORKS	246797
ADDRESS	489056
ADDRESSES	274477
TRANSLATION	212756
TRANSLATIONS	17259
(53 AND (NETWORK ADJ ADDRESS ADJ TRANSLATION)).PGPB,USPT.	245
(L53 AND NETWORK ADJ ADDRESS ADJ TRANSLATION ).PGPB,USPT.	245

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### Search History

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**DATE:** Thursday, April 06, 2006    [Printable Copy](#)    [Create Case](#)

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side by side

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<u>L53</u>	374	<u>L53</u>
<u>L52</u>	4749	<u>L52</u>
<u>L51</u>	0	<u>L51</u>
<u>L50</u>	1	<u>L50</u>

<u>L49</u>	intermediate adj point and time adj out	215	<u>L49</u>
<u>L48</u>	L46 and internet and telephony	6	<u>L48</u>
<u>L47</u>	L46 and internet and telphony	0	<u>L47</u>
<u>L46</u>	prevent near timeout	109	<u>L46</u>
<u>L45</u>	L44 and intermediate	3	<u>L45</u>
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<u>L43</u>	L42 and intermediate	4	<u>L43</u>
<u>L42</u>	L39 and internet adj telephony	12	<u>L42</u>
<u>L41</u>	L38 and internet adj telephony	1	<u>L41</u>
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<u>L39</u>	L37 and timeout	46	<u>L39</u>
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<u>L34</u>	L30 and time-out	0	<u>L34</u>
<u>L33</u>	L30 and timed near out	0	<u>L33</u>
<u>L32</u>	L30 and time adj out	1	<u>L32</u>
<u>L31</u>	L30 and timeout	0	<u>L31</u>
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<u>L26</u>	L25	4	<u>L26</u>
<u>L25</u>	L24 and time	4	<u>L25</u>
<u>L24</u>	L21 and RTP	4	<u>L24</u>
<u>L23</u>	L21 and timeout	1	<u>L23</u>
<u>L22</u>	L21 and time adj out	2	<u>L22</u>
<u>L21</u>	internet adj telephony and media adj terminal and SIP	7	<u>L21</u>
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<u>L17</u>	L16 and SIP	53	<u>L17</u>
<u>L16</u>	media adj terminal and internet	423	<u>L16</u>
<u>L15</u>	L10 and media adj terminal	0	<u>L15</u>
<u>L14</u>	L11 and media adj terminal	0	<u>L14</u>
<u>L13</u>	L10 and mta	0	<u>L13</u>
<u>L12</u>	L11 and MTA	0	<u>L12</u>
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<u>L9</u>	L6 and intermediate	35	<u>L9</u>

<u>L8</u>	L5 and intermediate	73	<u>L8</u>
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<u>L2</u>	L1 and timeout	0	<u>L2</u>
<u>L1</u>	dynamic near addressing near protocol	6	<u>L1</u>

END OF SEARCH HISTORY